

# SN100-403

## Nihon Superior waives further appeal against SN100-403.

For many years, since 1998, the manufacturer Nihon Superior with its representation in Germany (Balver Zinn) was the sole supplier of the lead-free alloy and the name SN100C. However, the actual patent for the production of the alloy expired in 2018. But the name SN100C is still protected as a brand name..

FELDER GMBH has been producing its own product line of NiGe electronic solders since 2005 and thus also the equivalent of the Nihon superior alloy, the **Sn100Ni+** electronic solder with its exclusive silver-containing variants **Sn99Ag+**, **Sn98Ag+**, **Sn95Ag+** und **Sn96Ag+**.

FELDER GMBH from Oberhausen, as a former licensee (since 2014) of Nihon Superior, has entered the market after the manufacturer's patent expired with its own product line:



**SN100-403**



	Product	Alloy	EN ISO 9453:2014	Alloy No.	Melting range
wave soldering	SN100-403C *	SnCu07NiGe0,0055	Sn99,25Cu0,7Ni0,05	403	227 °C eutektic
	SN100-403Ce *	SnNiGe0,0055	-		Refill for SN100-403C
	SN100-403CS *	SnCu07NiGe0,01	Sn99,25Cu0,7Ni0,05	403	227 °C eutektic
	SN100-403CeS *	SnNiGe0,01	-		Refill for SN100-403CS
HASL-Tinning	SN100-403CL *	SnCu07NiGe0,0055	Sn99,25Cu0,7Ni0,05	403	227 °C eutektic
	SN100-403CLe *	SnNiGe0,0055	-		Refill for SN100-403CL
	SN100-403CLe(+) *	SnNi0,15Ge0,0055	-		Refill for SN100-403CL
	SN100-403CLS *	SnCu07NiGe0,01	Sn99,25Cu0,7Ni0,05	403	227 °C eutektic
	SN100-403CLeS *	SnNiGe0,01	-		Refill for SN100-403CLS
	SN100-403CLeS(+) *	SnNi0,15Ge0,01	-		Refill for SN100-403CLS

\* manufactured according to NIHON SUPERIOR patent: DE patent no. 69918758; European patent no. 098541

The products are manufactured and quality controlled exactly according to the old patent guidelines of the Nihon Superior patent. Nihon Superior has initiated opposition proceedings against the new brand name **SN100-403** of FELDER GMBH at the European Intellectual Property Office (EUIPO). In the first instance, the Office rejected this opposition by Nihon Superior. Nihon Superior decided not to file an appeal against the rejection of the opposition. We are pleased to announce that the trade name **SN100-403** has now been finally registered by the Office in favour of FELDER GMBH and that we can provide the electronics industry with electronic solders of the **SN100-403** alloy family from one of the leading European manufacturers of electronic solders with the highest quality standards.

Regrettably, our press release of October 2020 did not accurately reflect some of the circumstances of the opposition proceedings. We apologise for any uncertainty this may have caused the reader. These circumstances have now been corrected in this press release.

RELEASE  
PRESS